

Rick Carlton
Bio

Rick Carlton is currently the Telecommunications Systems Architect for Vanderbilt University and Medical Center. Rick joined Vanderbilt in 1987 and has been in his current position for the last nine years. He is a member of the Planning and Technical Assistance Team for Information Technology Services at Vanderbilt. In this role, he is responsible for long term planning for the voice network and tracking emerging technologies.

Some of the projects Rick has been involved in include: the role of Acceptance Officer for the replacement of all voice network equipment at Vanderbilt, conversion to ISDN-PRI for local access, evaluation and selection of wireless LAN equipment for an enterprise wide standard, evaluation and design of SS7 local access, and implementation of cellular in-building wireless in patient care areas of VUMC. He is currently investigating technologies and applications that include voice over network products, service provider grade unified messaging, speech recognition, and hybrid wireless/cellular systems.

The Vanderbilt University and Medical Center voice network consists of 18 nodes (PBXs) in 10 locations. The network is made up of over 20,000 ports, including over 1,000 ISDN-PRI trunks. PBX interconnection is accomplished with Ethernet, T1, and, SONET.

Prior to his employment at Vanderbilt, Rick was a Graduate Assistant for the Office of Information Technology and Adjunct Faculty for the Industrial Studies Department at MTSU. He received both his B.S. and M.S. from MTSU.